U.S. ARMY CORPS OF ENGINEERS

Rock Island District

US Army Corps of Engineers®

SERVING FIVE RIVER BASINS IN FIVE STATES

FLOOD DAMAGE REDUCTION

NAVIGATION

EMERGENCY MANAGEMENT

ECOSYSTEM RESTORATION

RECREATION

A LEADER IN INTEGRATED WATER RESOURCES MANAGEMENT

At The Heart of the Upper Mississippi River System

Presentation
To The

ACEC

By
Colonel Robert Sinkler
Commander, Rock Island District

April 11, 2008

US Army Corps of Engineers®

Rock Island District

- 5 major river basins - 78,000 square miles
- Portions of 5 states
- Operate 582 miles of 9-foot navigation channel
- 20 locks and dams
- 2nd longest navigation channel of any Corps District
- 2nd largest number of locks of any Corps District
- 130 levee districts, 750 miles of levees
- Small military construction program

One Corps Serving the Armed Forces and the Nation

U.S. ARMY CORPS OF ENGINEERS

Rock Island District

US Army Corps of Engineers®

SERVING FIVE RIVER BASINS IN FIVE STATES

FLOOD DAMAGE REDUCTION

NAVIGATION

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RECREATION

ECOSYSTEM RESTORATION

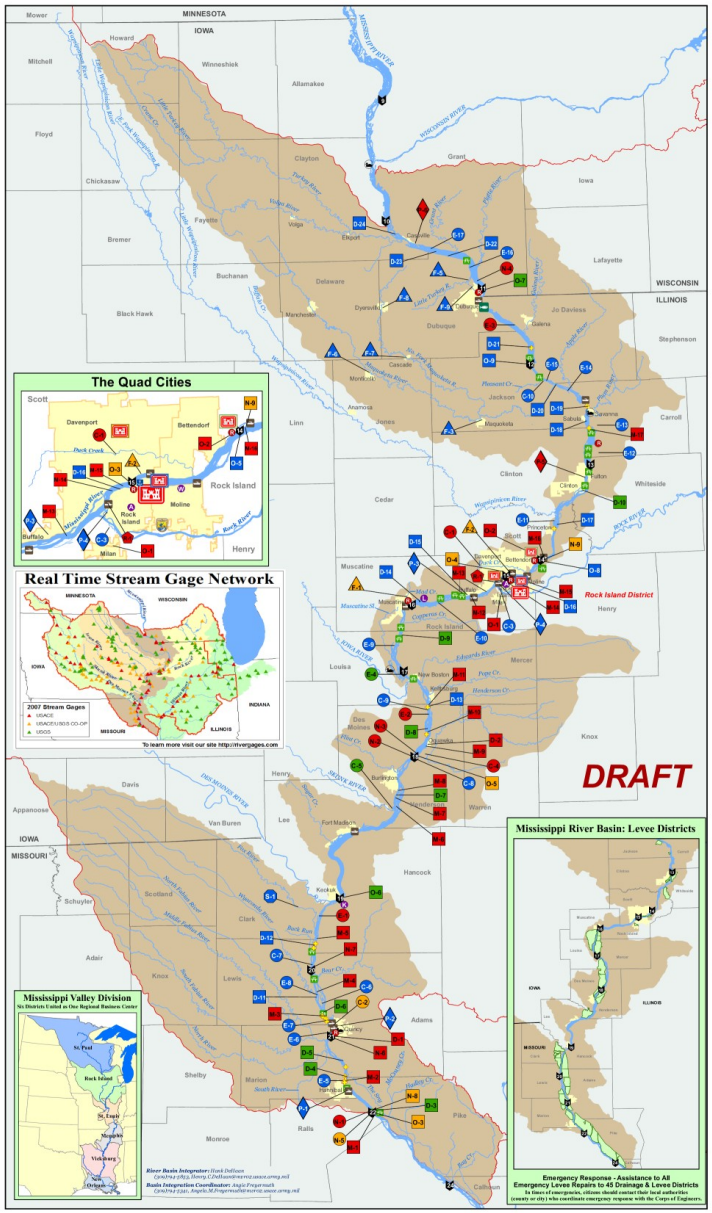
A LEADER IN INTEGRATED WATER RESOURCES MANAGEMENT

At The Heart of the Upper Mississippi River System

Mississippi River Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995-2015


MINNESOTA
IOWA
WISCONSIN
ILLINOIS
MISSOURI
The Quad Cities
Real Time Stream Gage Network
2007 Stream Gages
To learn more visit our site http://rivergages.com
Rock Island District
DRAFT
Mississippi River Basin: Levee Districts
Mississippi Valley Division
No Shortcut Used or One Regional Business Center
River Basin Integrator: Rock Dellinger (309)794-5783, Henry.C.Dellinger@mvr02.usace.army.mil
Basin Integration Coordinator: Angie Fergerstrom (309)794-5341, Angela.M.Fergerstrom@mvr02.usace.army.mil
Emergency Response - Assistance to All
Emergency Levee Repairs to 45 Drainage & Levee Districts
In times of emergencies, citizens should contact their local authorities (county or city) who coordinate emergency response with the Corps of Engineers.

ECOSYSTEM RESTORATION

Environmental Management Program
- E-1 Fox Island, MO HREP
- E-2 Huron Island, IL HREP
- E-3 Pool 12 Overwintering HREP IA/IL
- E-4 Lake Odessa, IA HREP
- E-5 Bay Island, MO HREP
- E-6 Monkey Chute, MO HREP
- E-7 Cottonwood Island, MO HREP
- E-8 Gardner Division , IL HREP
- E-9 Big Timber, IA HREP
- E-10 Andalusia Refuge, IL HREP
- E-11 Princeton Refuge, IA HREP
- E-12 Potters Marsh, IL HREP
- E-13 Spring Lake, IL HREP
- E-14 Brown's Lake, IA HREP
- E-15 Pleasant Creek, IA HREP
- E-16 Pool 11 Islands, IA/WI HREP
- E-17 Bottom-McCartney Lakes, WI HREP

Navigation & Ecosystem Sustainability Program (NESP)
- N-1 Fish Passage Lock & Dam 22
- N-2 Pool 19 Water Level Management
- N-3 Pool 19 Island Building
- N-4 Pool 11 Island Building

Section 206
- C-1 Duck Creek, IA
- C-2 Quincy Bay, IL
- C-3 Milan Bottoms, IL

Section 204
- C-4 Henderson 3, IL
- C-5 Blackhawk Bottoms, IA

Section 1135
- C-6 Mississippi River Mast Tree Planting, IL
- C-7 Buck Run, MO
- C-8 Oquawka, IL
- C-9 Mississippi River Mast Tree Planting, IA
- C-10 Mississippi River Mast Tree Planting, IA

FLOOD DAMAGE REDUCTION
- F-1 Mud Creek at Muscatine, IA
- F-2 Davenport, IA
- F-3 Maquoketa, IA Sec. 205
- F-5 Little Maquoketa River, IA Sec. 205 & 206
- F-6 Monticello, IA Sec. 205
- F-7 Cascade, IA Sec. 205
- F-8 Dyersville, IA Sec. 205
- F-9 Cedar Valley, IA Sec. 205

Regional Studies
- Mainstem Levee Systems Evaluation Project (Funded by FEMA)
- National Levee GIS Database
- Upper Mississippi River Comprensive Plan
- Upper Mississippi River System Flow Frequency Study

EMERGENCY BANK PROTECTION

Section 14
- S-1 Highway 61 Bridge, Fox River, MO

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)
- P-2 Mid America Port Commission Study
- P-3 Buffalo, IA
- P-4 Sunset Marina, Rock Island, IL

Flood Plain Management Services (FPMS)
- P-1 Hannibal Harbor Recon Study (905b)
- P-5 Joyces Slough, Clinton, IA
- P-6 Jack Oak Slough Siltation & Erosion Study

NAVIGATION

Navigation & Ecosystem Sustainability Program (NESP)
- N-5 Switchgrass Lock & Dam 22
- N-6 New 1200' Lock, Lock & Dam 21
- N-7 New 1200' Lock, Lock & Dam 20
- N-8 New 1200' Lock, Lock & Dam 22
- N-9 Lock & Dam 14 Mooring Cells

Operations & Maintenance
- O-1 Mill Creek South Slough, Illinois
- O-2 Mississippi River Project Office
- O-3 Lock 22 Gate Replacement
- O-4 Lock & Dam 15 Hydroturbine
- O-5 Lock & Dam 16, Dam Rehabilitation
- O-6 Lock & Dam 19 Rehabilitation & Major Maintenance
- O-7 Lock & Dam 11 Rehabilitation & Major Maintenance
- O-8 Lock & Dam 14 Rehabilitation & Major Maintenance
- O-9 Lock & Dam 12 Rehabilitation & Major Maintenance

FY07 Channel Maintenance Dredging Projects
- M-1 Lock 22 Lower Cut
- M-2 Turtle Island Cut
- M-3 Hogback/Lone Tree Cut
- M-4 Howards Crossing Cut
- M-5 Gregory Lower Cut
- M-6 Kemp's Landing Lower Cut
- M-7 Cowgirl Island Cut
- M-8 Burlington Bluff Cut
- M-9 Oquawka Cut
- M-10 Benton Island Cut
- M-11 Keithsburg Lower Cut
- M-12 Buffalo Cut
- M-13 Linwood Cut
- M-14 Centennial Bridge Cut
- M-15 Lock 15 Upper Cut
- M-16 Lock 14 Upper Cut
- M-17 Sabula Lower Cut

Dredged Material Management Program (DMMP)
- D-1 Lock 21 Lower
- D-2 Oquawka Reach
- D-3 Lock 22 Reach
- D-4 Whitney Light
- D-5 NE Missouri Power Reach/Bebee Island
- D-6 Hogback Reach
- D-7 Kemps Cowgirl Reach
- D-8 Benton Island
- D-9 Bass Island
- D-10 Beaver Island
- D-11 Howard's Crossing/La Grange Reach
- D-12 Buzzard Island
- D-13 Keithsburg Reach
- D-14 Hershy Chute
- D-15 Buffalo
- D-16 Lock 15 Lower Reach
- D-17 Steamboat Slough
- D-18 Sabula Reach
- D-19 Savanna Bay
- D-20 Maquoketa River
- D-21 Island 241 Light
- D-22 Findley's Landing
- D-23 Hurricane Island
- D-24 Turkey River Reach

RECREATION
- R-1 Sunset Boat Basin

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois, the State of Iowa, and northeast Missouri. St. Paul District has lead regulatory responsibility for the State of Minnesota and the State of Wisconsin.

Planning Phase
Design Phase
Implementation/ Construction Phase
Operational Phase/ Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Quad Cities Mississippi River Project Office
- Mississippi Valley Regional Construction Office
- Mississippi Valley Regional Flood Fighting Center
- Lock & Dam
- Small Boat Harbor
- USACE Ranger Station
- USACE Recreation Area
- Thalweg Placement Site for Dredged Material
- Rock Island Field Office, U.S. Fish & Wildlife Service, Region 3
- Fish & Wildlife Service Refuge Office
- United States Coast Guard Office
- National Mississippi River Museum & Aquarium
- Augustana College
- University of Iowa, Lucille A. Carver Mississippi Riverside Environmental Research Station
- WIU: Kibbe Life Sciences Station
- Future WIU Quad Cities Campus
- USACE District Boundary
- Mississippi River Basin (16,621.5 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team

Upper Mississippi River Basins delineated as HUC 0706 & 0711 as described at http://water.usgs.gov/GIS/huc_name.html

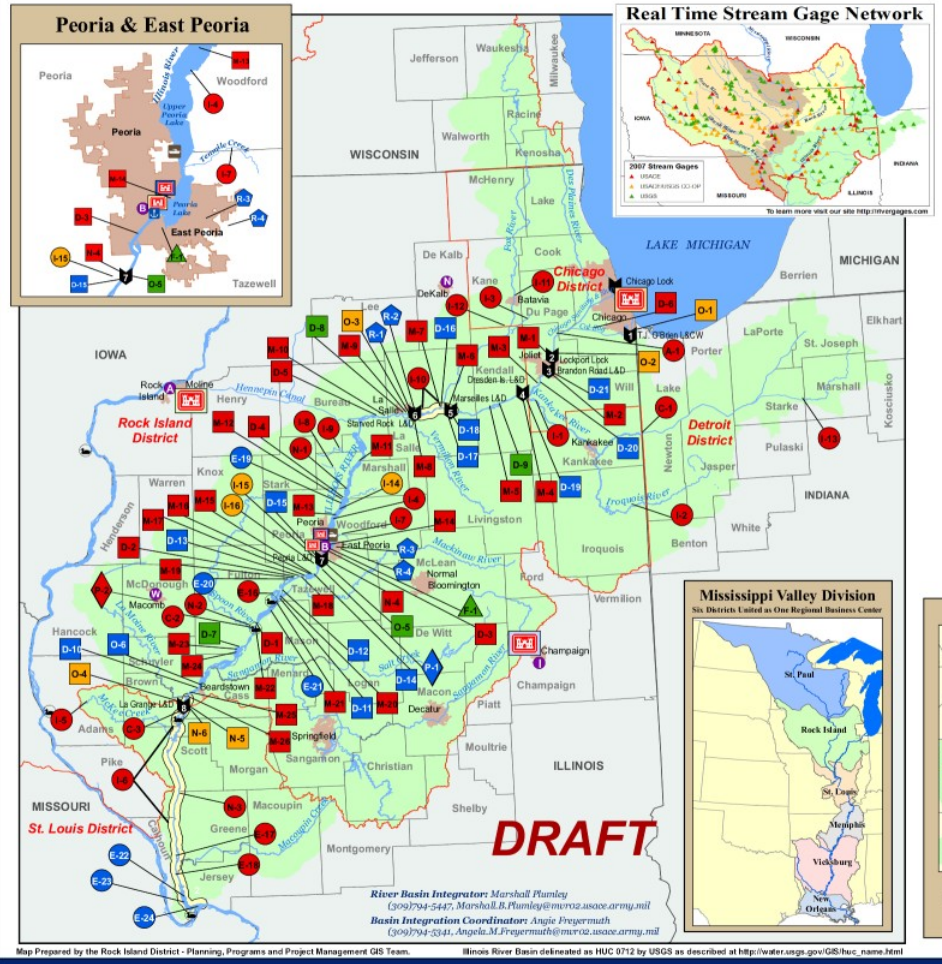
Map dated 14 January, 2008

Regional Team Members Include

Illinois River Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015



Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team. Illinois River Basin delineated as HUC 0712 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

- Rock Island District Headquarters
- Chicago District Headquarters
- Construction Engineering Research Laboratory
- Illinois Waterway Project Office
- Illinois Construction Office
- Lock & Dam
- EMP - Long Term Resource Monitoring Program, Havana Field Station
- EMP - Long Term Resource Monitoring Program, Pool 26 Field Station
- Small Boat Harbor
- Fish & Wildlife Service Refuge Office
- United States Coast Guard Office
- Augustana College
- Bradley University
- University of Illinois
- Northern Illinois University
- Western Illinois University
- USACE District Boundary
- State Boundary
- 519 Reach Study
- City
- County Boundary
- Illinois River Basin (28,870.9 Sq. Mi.)
- Drainage & Levee District

Illinois River Basin: Levee Districts

Emergency Response - Assistance to All

Emergency Levee Repairs to 70 Drainage & Levee Districts

In times of emergencies, citizens should contact their local authorities (county or city) who coordinate emergency response with the Corps of Engineers.

ECOSYSTEM RESTORATION

Section 519
- I-1 Kankakee River Riffles
- I-2 Iroquois River
- I-3 Waubonsie Creek
- I-4 Peoria Riverfront (Lower Islands)
- I-5 McKee Creek
- I-6 Alton Pool
- I-7 Tennile Creek
- I-8 Senachwine Creek
- I-9 Crow Creek West
- I-10 Starved Rock Pool
- I-11 Batavia Dam
- I-12 Blackberry Creek
- I-13 Yellow River
- I-14 Peoria Riverfront (Upper Island)
- I-15 Pekin Lake North Unit
- I-16 Pekin Lake South Unit

Environmental Management Program (EMP)
- E-16 Rice Lake
- E-17 Godar Refuge
- E-18 Alton Side Channel
- E-19 Peoria Lake
- E-20 Banner Marsh
- E-21 Chautauqua Refuge
- E-22 Stump Lake
- E-23 Swan Lake
- E-24 Calhoun Point

Navigation & Ecosystem Sustainability Program (NESP)
- N-1 Middle Peoria Pool Backwaters
- N-2 Emiquon West
- N-3 Twin Islands

Section 206
- C-1 Kankakee River State Line
- C-2 Emiquon East

Section 1135
- C-3 Spunky Bottoms

Additional Projects
- A-1 Aquatic Nuisance Barrier

FLOOD DAMAGE REDUCTION

- F-1 East Peoria Levee & Drainage District Sec. 205

Regional Studies
- Mainstem Levee Systems Evaluation Project (Funded by FEMA)
- National Levee GIS Database
- Upper Mississippi River Comprehensive Plan
- Upper Mississippi River System Flow Frequency Study

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)
- P-1 Pekin, IL
- P-2 Macomb, IL

RECREATION

- R-1 I&M Canal Planning Assistance to States (PAS) Sec. 22
- R-2 Illinois River Visitor Center
- R-3 Fondulac Reservoir
- R-4 Farmdale Reservoir

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois.

- Planning Phase
- Design Phase
- Implementation/Construction Phase
- Operational Phase/Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

NAVIGATION

Navigation & Ecosystem Sustainability Program (NESP)
- N-4 Peoria New 1200' Lock
- N-5 LaGrange New 1200' Lock
- N-6 LaGrange Mooring Cell

Operations & Maintenance
- O-1 T.J. O'Brien Lock & Contolling Works Rehabilitation
- O-2 Lockport Upper Pool Approach Dike & Wall
- O-3 Plum Island Easement
- O-4 La Grange Lock Rehabilitation
- O-5 Peoria Lock Hydraulics
- O-6 Sangamon Sediment Trap

FY07 Channel Maintenance Dredging Projects
- M-1 Lockport Lower Cut
- M-2 Brandon Road Lower Cut
- M-3 Treats Island Cut
- M-4 Dresden Island Lower Cut
- M-5 Grist Island Cut
- M-6 Marseilles Lock Lower Cut
- M-7 Bull's Island Upper Cut
- M-8 Starved Rock Lower Cut
- M-9 Deer Park Light Cut
- M-10 Spring Creek/Huse Slough Cut
- M-11 Henry Cut
- M-12 Senachwine Cut
- M-13 Blue Creek Cut
- M-14 USACE Boat Yard at Peoria
- M-15 Pekin Bend Cut
- M-16 LaMarsh Creek/Pekin Bend Cut
- M-17 Mackinaw River Cut
- M-18 Kingston Mines Cut
- M-19 Lancaster Landing Cut
- M-20 Duck Island Cut
- M-21 Senate Island Cut
- M-22 Quiver Island Cut
- M-23 Grand Island Cut
- M-24 Anderson Lake Cut
- M-25 Barr Island Cut
- M-26 Briggs Landing Cut

Dredged Material Management Program (DMMP)
- D-1 Quiver Island
- D-2 Lancaster Landing
- D-3 Kickapoo Creek
- D-4 Senachwine Creek
- D-5 Spring Valley
- D-6 Lucas Berg Confined Disposal Facility
- D-7 Grand Island
- D-8 LaSalle Reach
- D-9 Grist Island
- D-10 Beardstown
- D-11 Senate Island/Duck Island
- D-12 Copperas Creek
- D-13 Mackinaw River/Kingston Mines
- D-14 Pekin Bend/LaMarsh Creek
- D-15 Peoria Lock Lower/Lick Creek
- D-16 Bull's Island
- D-17 Milliken Creek
- D-18 Marseilles Canal
- D-19 Dresden Island
- D-20 Treats Island
- D-21 Brandon Road Lower

OPERATIONS AND MAINTENANCE ACTIVITIES

- T.J. O'Brien Lock & Controlling Works
  2007 - Repair guidewall and lock gates.
- Lockport Lock
  2006 - Repaired upper left & right valves.
  2007 - Replace roller guides for upper service gate.
- Brandon Road Lock & Dam
  2007 - Repair tainter gate cable connections.
- Dresden Island Lock
  2006 - Repaired wall at upper right gate anchorage.
- Marseilles Lock & Dam
  2006 - Repaired upper right valve.
  2007 - Repair lock chamber concrete.
  Repair upper miter gate machinery.
- Starved Rock Lock & Dam
  2006 - Repaired one tainter gate.
  2007 - Repair upper valves and roller guides.
- Peoria Lock & Dam
  2006 - Replaced 4 wickets.
  2007 - Replace 15 wickets.
- La Grange Lock & Dam
  2006 - Replaced 2 damaged wickets.
  2007 - Replace 15 wickets.

Map Dated 14 January, 2008

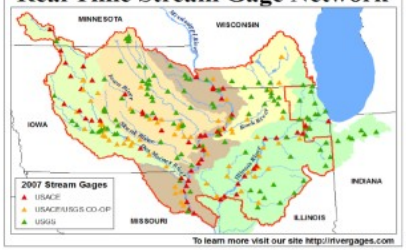
Regional Team Members Include

Rock River Basin

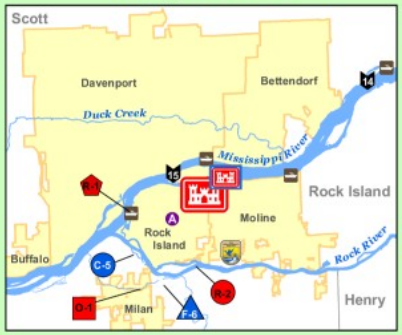
Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015

Real Time Stream Gage Network

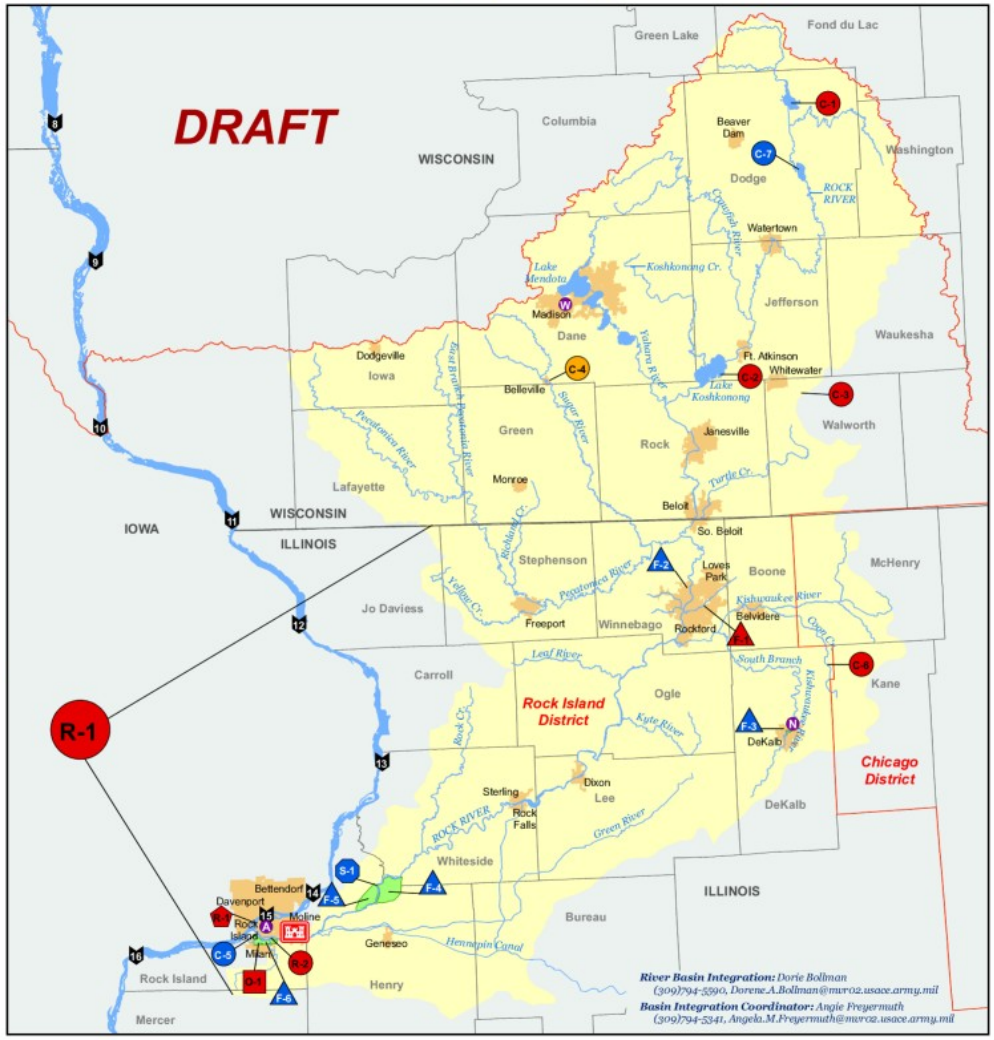


The Quad Cities



Mississippi Valley Division

Six Districts United as One Regional Business Center



FLOOD DAMAGE REDUCTION

F-1 Keith Creek, Rockford, IL
F-2 Loves Park, IL
F-6 Milan/Big Island, IL Local Flood Protection Project

PL84-99
F-3 DeKalb, IL Local Flood Protection Project
F-4 Penny Slough Drainage & Levee District
F-5 Zuma-Canoe Special Service Area

Regional Studies
National Levee GIS Database

EMERGENCY BANK PROTECTION

S-1 County Highway 64, Rock Island County, IL Section 14

ECOSYSTEM RESTORATION

Section 206
C-1 Horicon Marsh, WI (On Hold)
C-2 Lake Koshkonong, WI (On Hold)
C-3 Kettle Morraine, WI (On Hold)
C-4 Lake Belle View, WI
C-5 Milan Bottoms, IL

Section 22
C-6 Coon Creek Watershed, IL
C-7 Lake Sinnissippi, WI

Rock River
R-1 Rock River, IL Basin Study
R-2 Steel Dam, Rock River

NAVIGATION

Operations & Maintenance
O-1 Mill Creek South Slough, Illinois

RECREATION

R-1 Sunset Boat Basin

REGULATORY

Rock Island District has lead regulatory responsibility for the State of Illinois.
St. Paul District has lead regulatory responsibility for the State of Wisconsin.

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Complete

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

Rock Island District Headquarters
Mississippi Valley Regional Flood Fighting Center
Rock Island Field Office, U.S. Fish & Wildlife Service, Region 3
Small Boat Harbor
Lock & Dam
Augustana College
Northern Illinois University
University of Wisconsin
State Boundary
USACE District Boundary
Rock River Basin (10,962.1 Sq. Mi.)
Drainage & Levee District
County Boundary
City

Map dated 14 January, 2008

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team.

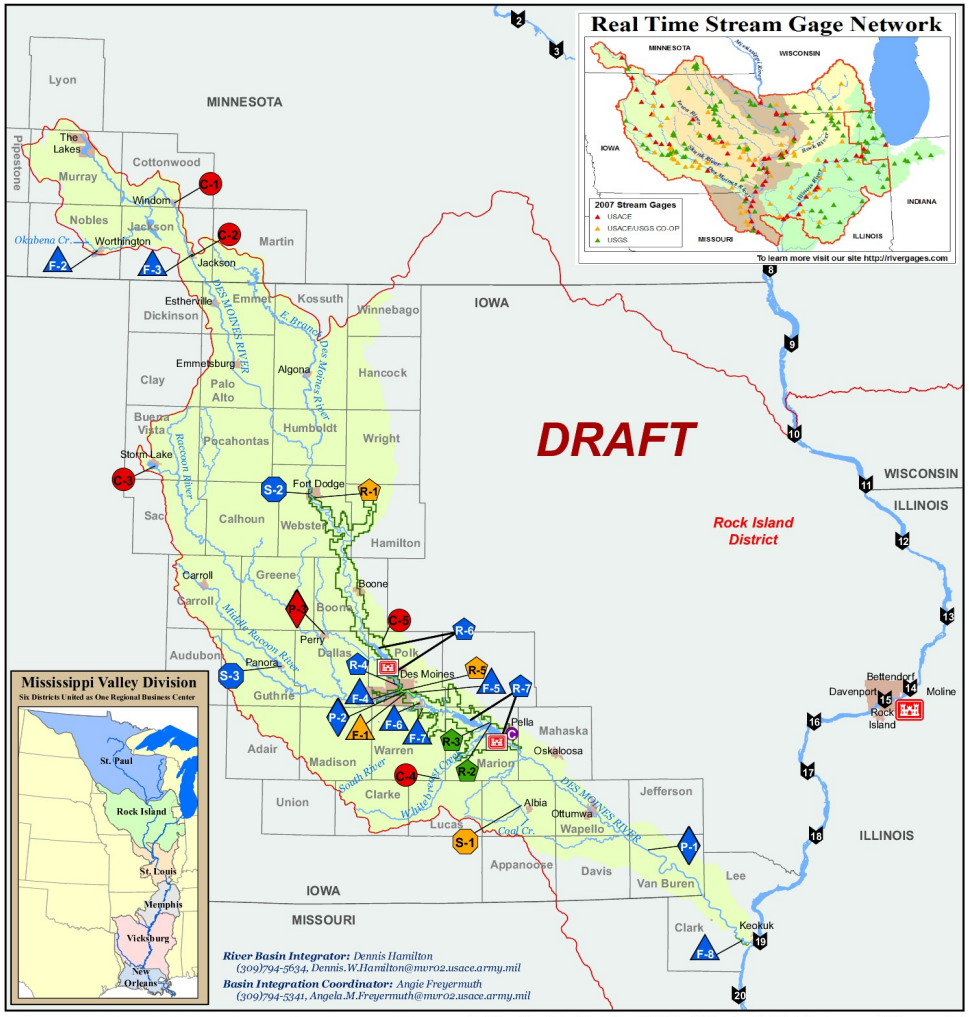
Rock River Basin delineated as HUC 0709 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

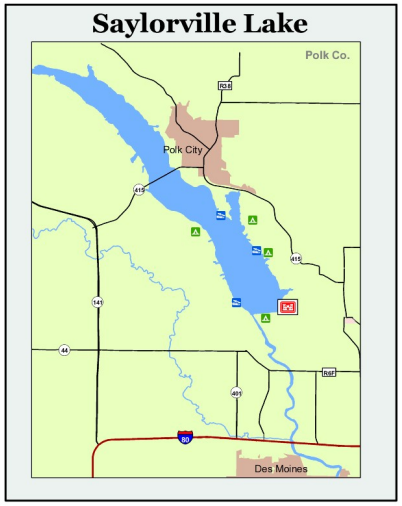
Regional Team Members Include

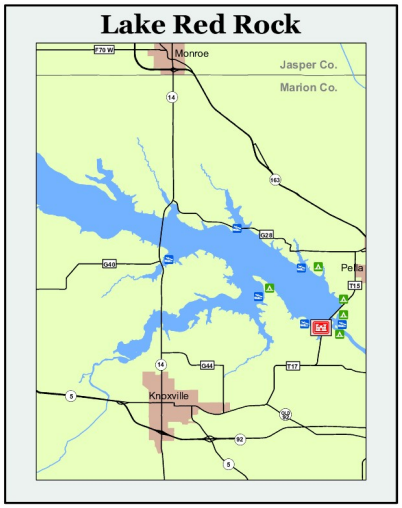
Des Moines and Racoon Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015







FLOOD DAMAGE REDUCTION

- F-1 Des Moines & Raccoon Rivers, IA
- F-2 Worthington, MN Local Flood Protection Project
- F-3 Jackson, MN Levee
- F-4 Des Moines, IA Local Flood Protection Project
- F-5 Southeast Des Moines, IA Remedial Works
- F-6 Avon Station, IA Remedial Works
- F-7 Carlisle, IA Remedial Works
- F-8 Des Moines - Mississippi Levee District No. 1, MO

Regional Studies

- National Levee GIS Database

Emergency Bank Protection

- S-1 Coal Creek, Monroe Co., IA
- S-2 Coats Addition Sewage Lagoons, Webster Co., IA
- S-3 Middle Raccoon River, Panora, IA

INFORMATION SERVICES & DECISION SUPPORT

Flood Plain Management Services (FPMS)

- P-1 Lower Des Moines River, IA Reconnaissance Study

Section 22 Planning Assistance to States (PAS)

- P-2 Des Moines Water Works, IA
- P-3 Perry, IA

ECOSYSTEM RESTORATION

Section 206

- C-1 Windom, MN Fish Passage
- C-2 Jackson, MN Fish Passage
- C-3 Storm Lake, IA
- C-4 Whitebreast Creek Watershed, IA

Section 1135

- C-5 Big Creek Spillway, IA

RECREATION

- R-1 Des Moines River Greenbelt - Fort Dodge Riverfront
- R-2 Des Moines River Greenbelt - Red Rock Trail
- R-3 Des Moines River Greenbelt - Cordova Center
- R-4 Des Moines River Greenbelt - Simon Estes Amphitheater
- R-5 Des Moines River Greenbelt - Des Moines Riverwalk
- R-6 Saylorville Lake
- R-7 Lake Red Rock

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.
St. Paul District has regulatory responsibility for the State of Minnesota.

- Planning Phase
- Design Phase
- Implementation/Construction Phase
- Operational Phase/Study Completed

For more information about our projects, visit
http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Saylorville Lake Visitor Center
- Lake Red Rock Visitor Center
- Lock & Dam
- USACE Boat Launch
- USACE Campground
- Central College
- USACE District Boundary
- Des Moines/Skunk Rivers Basin (18,809.7 Sq. Mi.)
- Des Moines Recreational River & Greenbelt (638.8 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team.

Des Moines River Basin delineated as HUC 0710 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

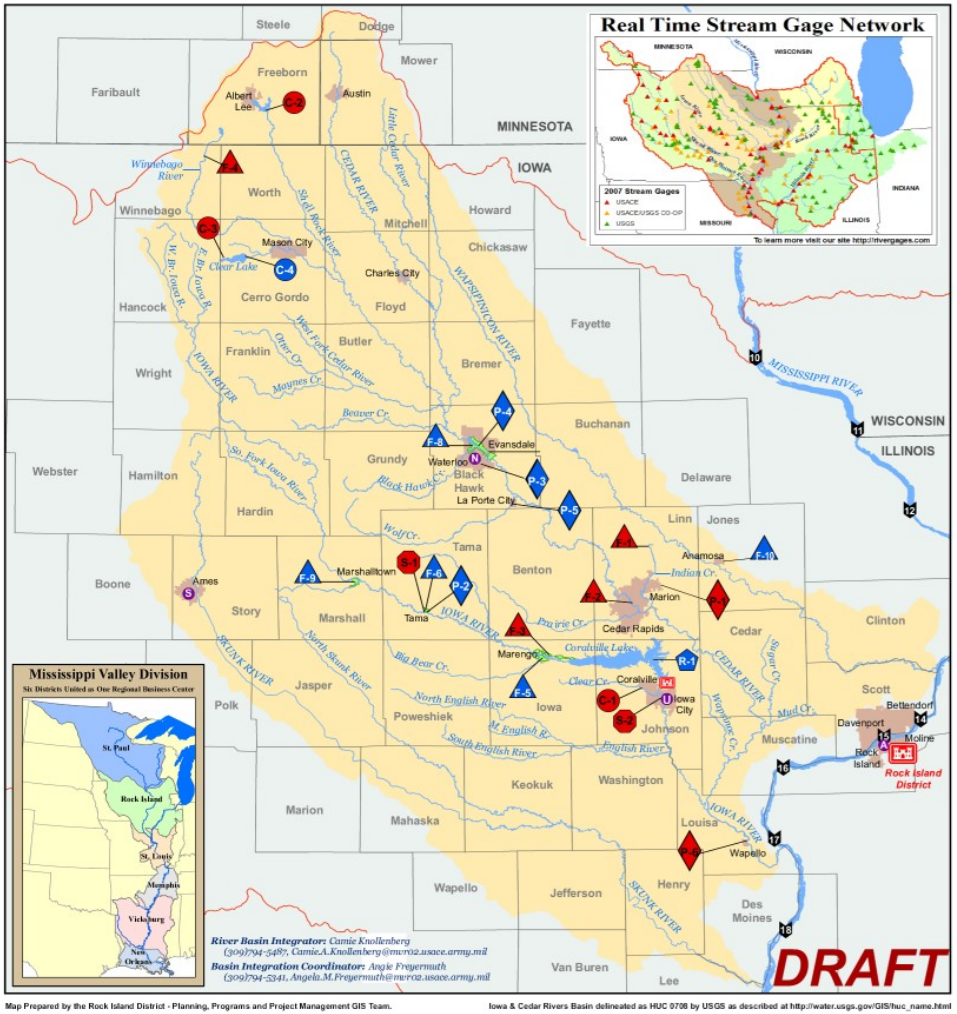
Map dated 14 January, 2008

Regional Team Members Include

Iowa & Cedar Rivers Basin

Corps Contributions to Interagency Integrated Water Resources Management

1995 - 2015



FLOOD DAMAGE REDUCTION

- F-1 Indian Creek Section 205
- F-2 Time Check Section 205
- F-3 Amana Levee Repair
- F-4 Winnebago River Section 205

PL84-99

- F-5 Marengo, IA Local Flood Protection Project
- F-6 Tama, IA Local Flood Protection Project
- F-7 Evansdale, IA Local Flood Protection Project
- F-8 Waterloo, IA Local Flood Protection Project
- F-9 Marshalltown, IA Local Flood Protection Project
- F-10 Manchester, IA Section 205

Regional Studies

- National Levee GIS Database

EMERGENCY BANK PROTECTION

- S-1 Sac & Fox Tribe in Iowa
- S-2 Iowa River, Iowa City, IA

RECREATION

- R-1 Coralville Reservoir

REGULATORY

Rock Island District has regulatory responsibility for the State of Iowa.

ECOSYSTEM RESTORATION

Section 206

- C-1 Clear Creek, IA
- C-2 Freeborn County, MN
- C-3 Ventura Marsh, IA

General Investigations

- C-4 Clear Lake, IA Reconnaissance Study

INFORMATION SERVICES & DECISION SUPPORT

Section 22 Planning Assistance to States (PAS)

- P-1 Marion, IA Mapping
- P-2 Sac & Fox Tribe in Iowa
- P-3 Black Hawk County, IA
- P-4 Waterloo Riverwalk, IA
- P-5 La Porte City, IA

Flood Plain Management Services (FPMS)

- P-6 Iowa River Streambank Erosion Control & Evaluation

Planning Phase
Design Phase
Implementation/Construction Phase
Operational Phase/Study Completed

For more information about our projects, visit http://www2.mvr.usace.army.mil/projects/index.cfm

- Rock Island District Headquarters
- Coralville Lake Visitors Center
- Lock & Dam
- USACE Boat Launch
- USACE Campground
- Augustana College
- University of Iowa
- Northern Iowa University
- Iowa State University
- State Boundary
- USACE District Boundary
- Iowa & Cedar Rivers Basin (12,654 Sq. Mi.)
- Drainage & Levee District
- County Boundary
- City

Map Prepared by the Rock Island District - Planning, Programs and Project Management GIS Team.

Iowa & Cedar Rivers Basin delineated as HUC 0708 by USGS as described at http://water.usgs.gov/GIS/huc_name.html

Map dated 14 January, 2008

Regional Team Members Include

US Army Corps of Engineers®

FY 09 Budget
(x$1,000)

	Pres. Budget
Investigations	$ 400
Construction*	$ 48,600
Operations & Maintenance**	$114,559

Notes:
*Includes Total EMP (3 Districts)
**Includes Major Rehabilitation & Inland Waterways Trust Fund

US Army Corps of Engineers®

Program Comparison

($1,000)

	FY 07	FY 08	FY 08	FY 09
Approp.	Expended	Pres. Budget	Conference	Budget*
Investigations	15,918.8	400	10,640	400
Construction**	47,424.2	50,907	48,334	48,600***
O&M	74,983.4	91,602	85,750	114,559
Total	138,326.4	142,909	144,724	163,559

Notes:

* Excludes Programmatic Funding (Remaining Items/CAP)

** Includes Major Rehabs.

*** Includes Total EMP (3 Districts)

US Army Corps of Engineers®

Investigations FY 09 Budget
(x$1,000)

	Pres. Budget Funding	Efficient
Cedar River (Time Check) (FEAS)	$ 0	$ 100-500
Comprehensive Plan (FEAS)	$ 0	$ 500-1,000
Des Moines & Raccoon Rvrs, IA (PED)	$ 0	$ 100-500
Humboldt, IA (RECON & FEAS)	$ 0	$ 100-500
IL River Basin Restoration	$ 400	$ 500-1,000
Keith Creek, IL (FEAS)	$ 0	$ 500-1,000
Keith Creek, IL (PED)	$ 0	$ 500-1,000

Cedar River (Time Check) (FEAS)

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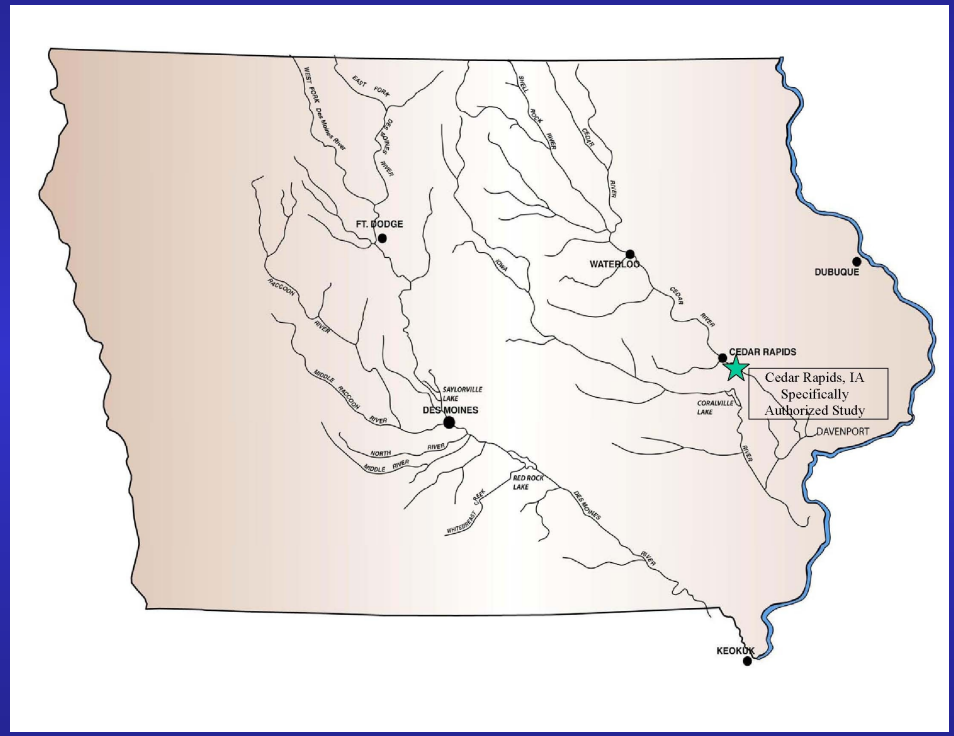
- Mix of residential, commercial, and light industrial uses
- Levee was constructed by a largely volunteer force in the mid 1960's
- Flood protection does not meet FEMA standards



UMR Comprehensive Plan

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- Congressional Add FY 2002
- Problem: Region Lacks a Systemic Plan for Flood Damage Reduction
- Project: Plan Formulation & Alternative Evaluation

Des Moines & Raccoon Rivers, IA (PED)

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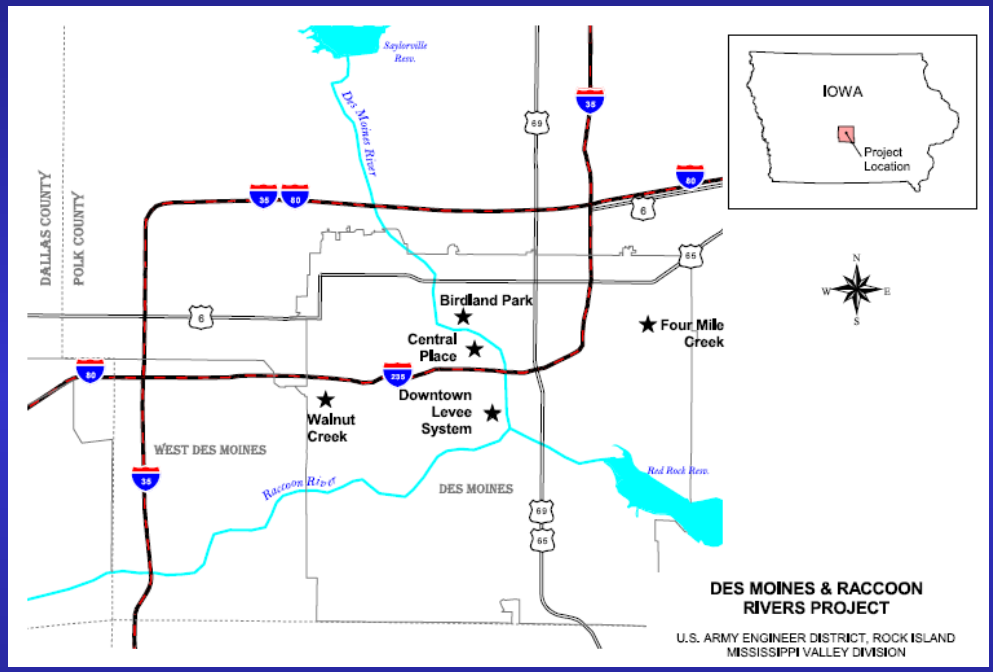
- Recommended Plan:
  - Reconstruct 13,600 feet of levee
  - Improve the reliability of some closures
  - Construct a recreational trail on top of the Birdland Park levee
- Want to Complete



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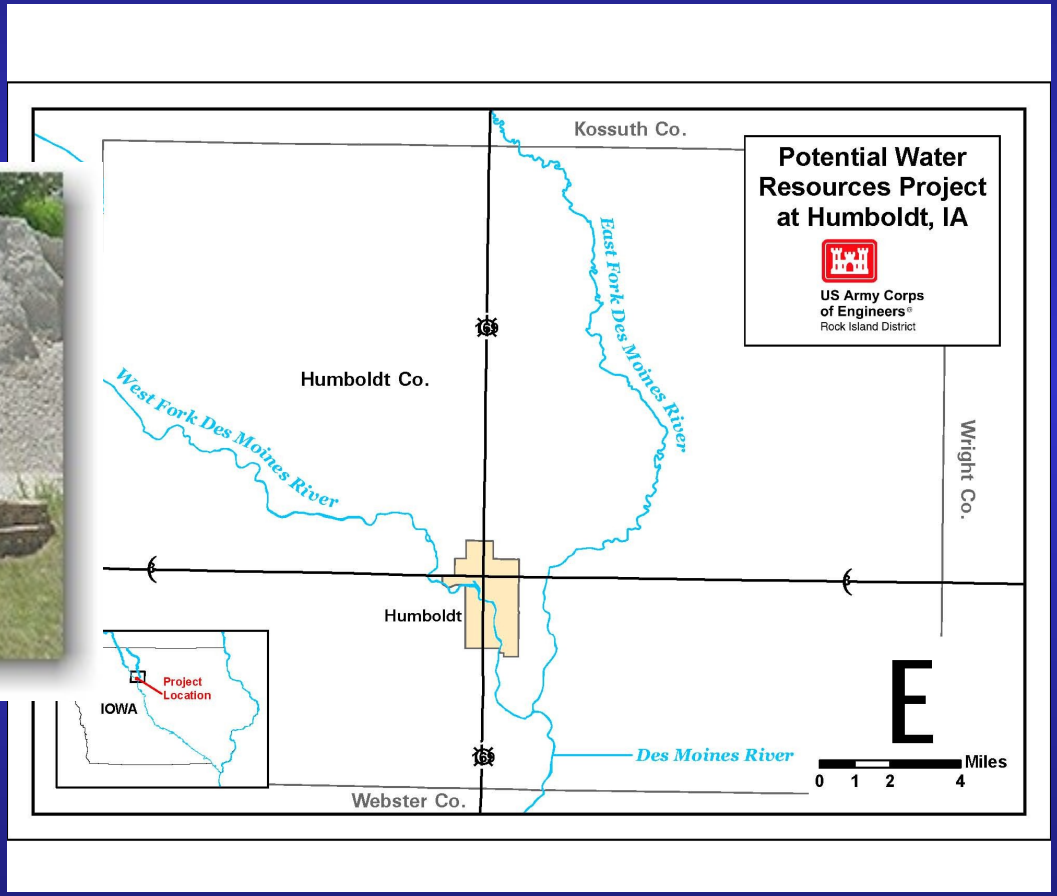
Humboldt, IA (RECON & FEAS)



Illinois River Basin Restoration

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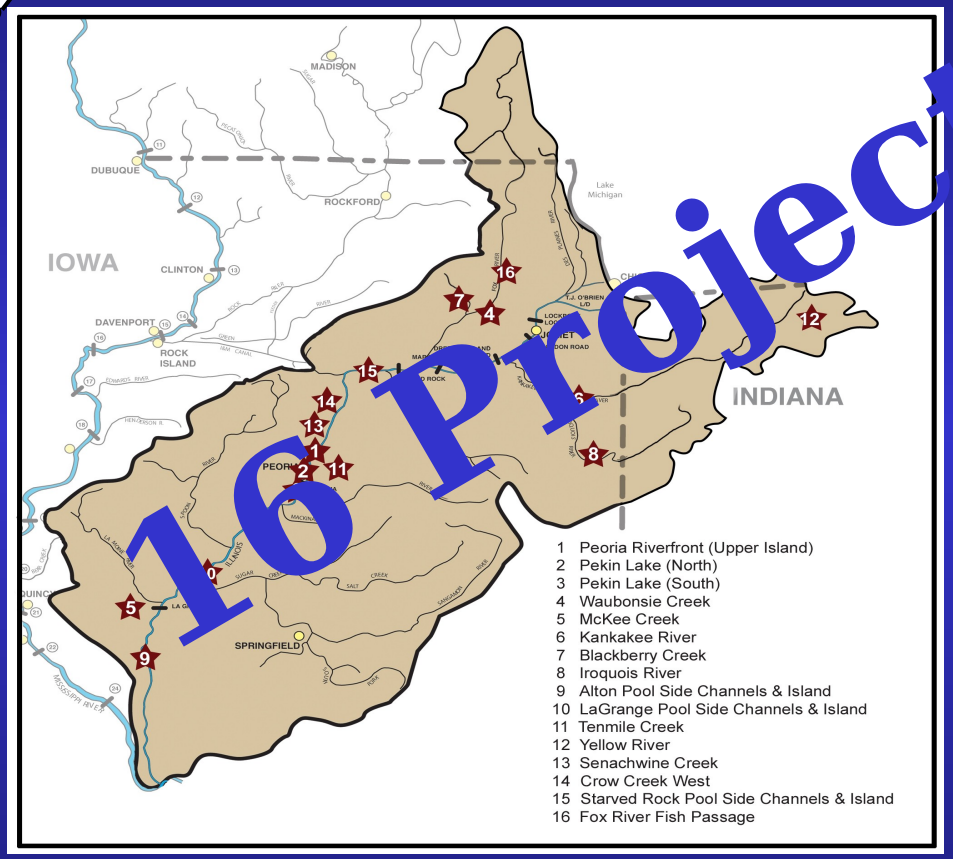
- Peoria Riverfront Upper Island
- Pekin Lake (Northern Unit)
- Pekin Lake (Southern Unit)
- Waubonsie Creek
- McKee Creek
- Kankakee River
- Blackberry Creek
- Iroquois River
- Alton Pool - Channel & Island
- LaGrange Pool – Channel & Island
- Tenmile Creek
- Yellow River
- Senachwine Creek
- Crow Creek West
- Starved Rock Pool – Side

Designed



>$130 million progr

($85 million Feder

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Tiered Restoration Recommendation

- Tier 1 - $131.2M program ($85.3M Fed)
  - Projects $122.3M
    - Small Watersheds – 8 watersheds
    - Major Tributaries – 2 reach
    - Main Stem – 3 backwaters, 4 SC/Islands, 1 floodplain area
  - Technologies and Innovative Approaches $6.1M
  - Management $2.75M
- Tier II - $345.6M program ($224.7M Fed)
  - Projects $309.1M
    - Small Watersheds – 20 watersheds
    - Major Tributaries – 4 reach
    - Main Stem – 4 backwaters, 8 SC/Islands, 2 floodplain areas
  - Technologies and Innovative approaches $30.8M

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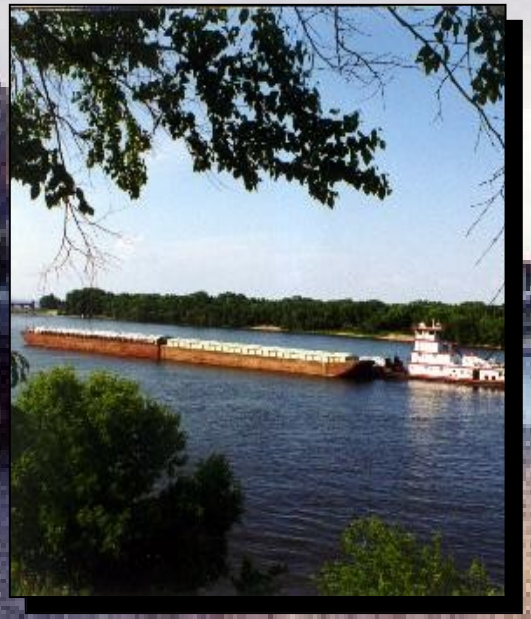
Keith Creek

- Feasibility Cost Sharing Agreement Signed on Feb. 19
- "Rockford residents who have been faced with serious flooding in the recent past know that the problems caused by flooding don't recede as fast as the water does," Durbin said at the ceremony. "Families shouldn't have to spend each summer dreading the next big flood. With the signing of [this] agreement, the Army Corps of Engineers will be able to begin studying the best solutions for the Keith Creek area."

Navigation & Ecosystem Sustainability Program (NESP)



Navigation **Environment**

Comparable Progress

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First Increment Navigation Projects $2.21 Billion (Oct 2006)

- Mooring facilities @ various sites
- Switchboats @ Locks 20 through 25
- 1200’ chambers at Locks 20 - 25, LaGrange & Peoria
- Mitigation for incremental traffic effects
- Traffic management
- Study & evaluation – second increment

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First Increment Ecosystem Restoration

$1.717 Billion (Oct 2006)

- Fish passage @ Dams 4, 8, 22 & 26
- Changes in water control @ Dams 25 & 16
- Adaptive implementation of 225 small habitat projects
  - Island building
  - Water level management
  - Backwater/side channel restoration
  - Wing dam/dike alterations
  - Island shoreline protection
- 35,000 acres of floodplain restoration (willing sellers)
- Continued study & monitoring

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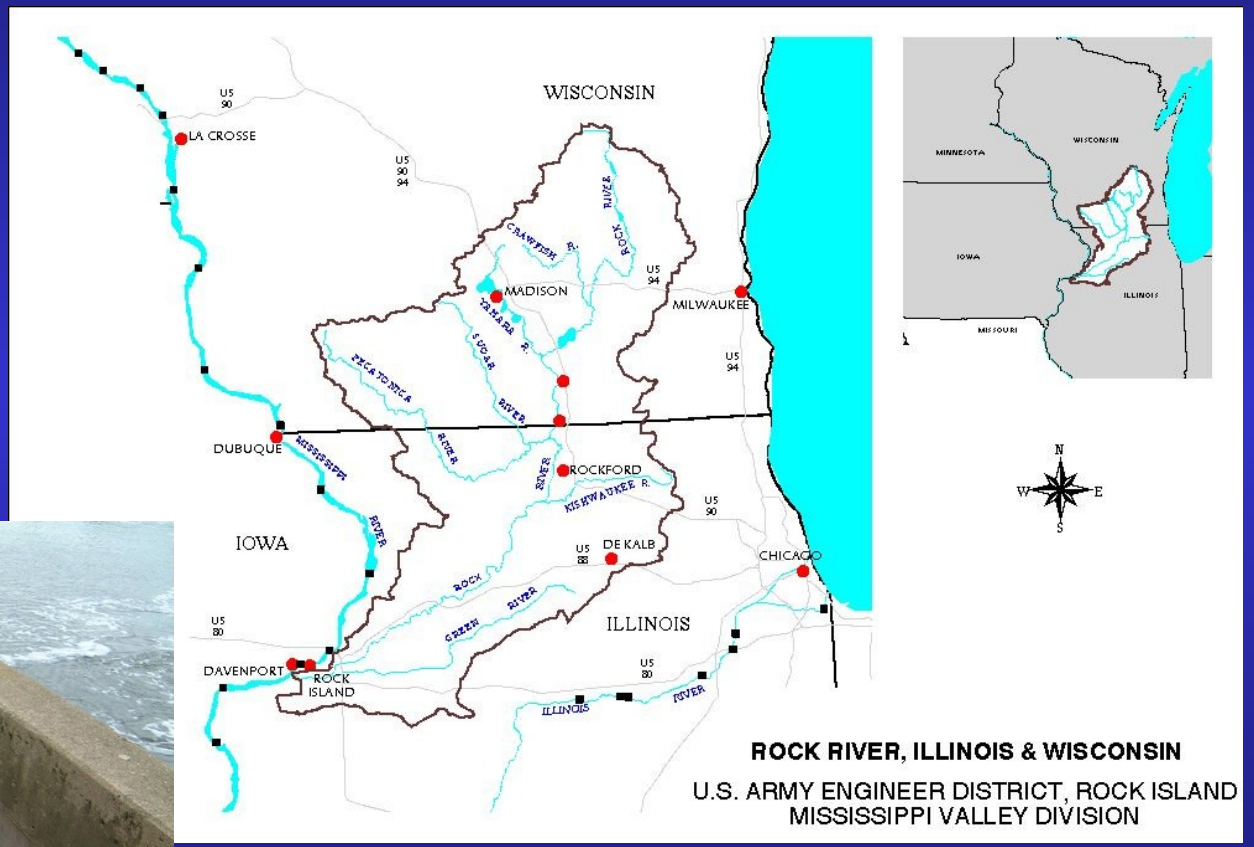
Peoria Riverfront Development

US Army Corps of Engineers®

Rock River



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Construction FY 09 Budget
(x$1,000)

	Pres Budget Funding	Efficient
Davenport	$ 0	$ 1,000-5,000
Des Moines & Raccoon Rvrs, IA	$ 0	$ 5,000-10,000
Des Moines Rec Rvr & Greenbelt	$ 0	$15,000-20,000
EMP (3 District Total)	$ 20,000	$30,000-35,000
IL River Basin	$ 0	$ 5,000-10,000
Lockport Upper Pool	$ 28,600	$25,000-30,000
NESP	$ 0	$35,000-55,000

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Davenport, IA
Local Flood Protection

- Sufficient funding would allow completion of planning, engineering, and design activities and award of Phase 2 contract.
- Could use $4,661,000 Construction in FY 09
- $0 in Pres. FY 09 Budget
- Protects water treatment plant serving 130,000 people

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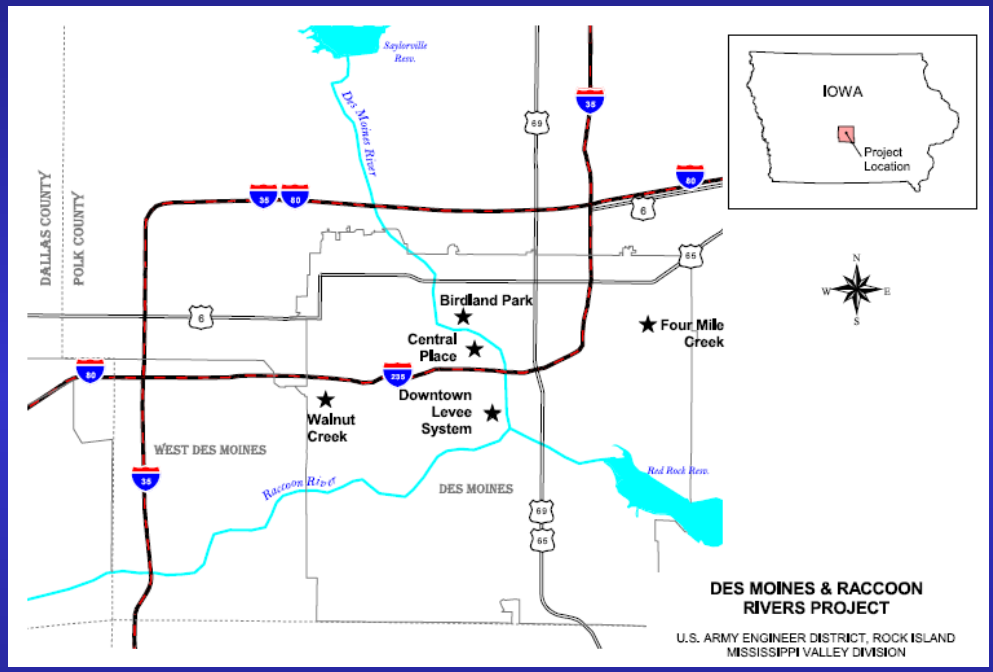
Des Moines & Raccoon Rivers, IA

- Recommended Plan:
  - Reconstruct 13,600 feet of levee
  - Improve the reliability of some closures
  - Construct a recreational trail on top of the Birdland Park levee
- Want to Complete



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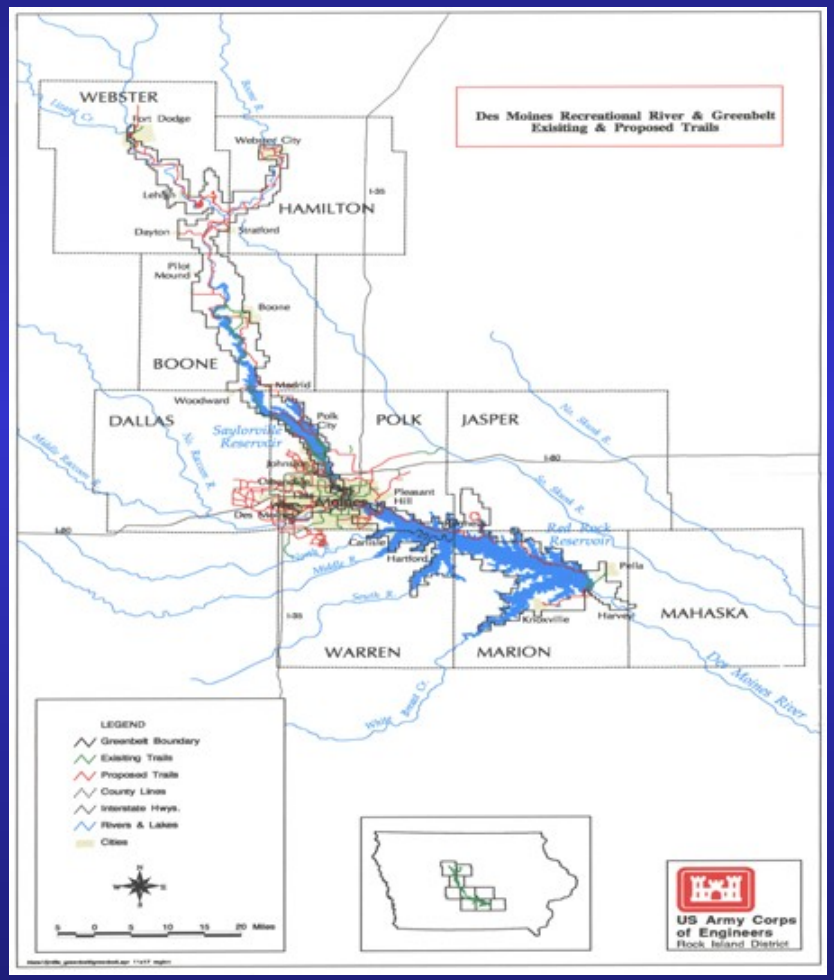
Des Moines Recreational River & Greenbelt



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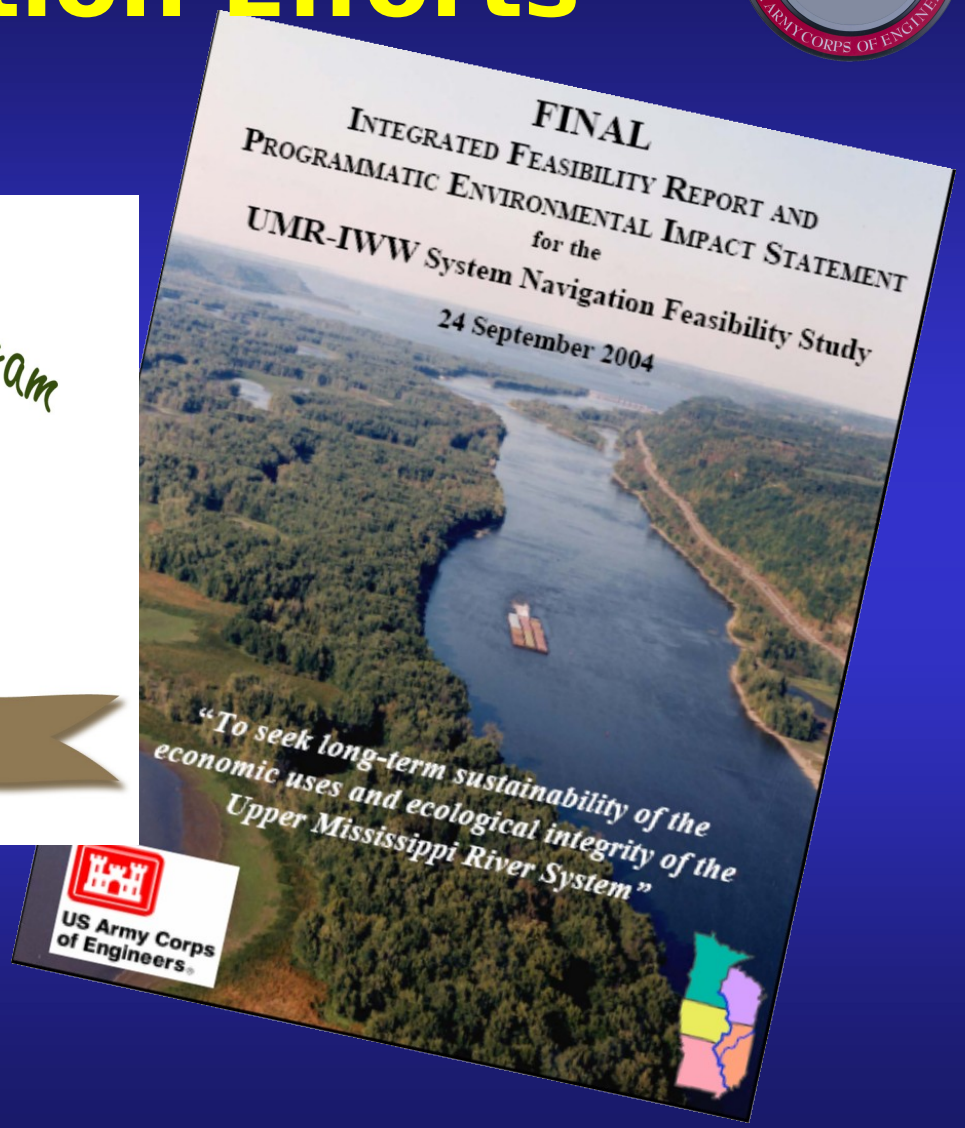
Environmental Management Program

- Completed Pool 11 Islands
- Started Lake Odessa last fall
- Planning over 25 Habitat Restoration and Enhancement Projects
- Completed over 50 projects impacting 83,000 acres
- Last Year was the 20th anniversary of the Environmental Management Program

The Future of Ecosystem Restoration Efforts

US Army Corps of Engineers®


FINAL
Integrated Feasibility Report and
Programmatic Environmental Impact Statement
for the
UMR-IWW System Navigation Feasibility Study
24 September 2004
"To seek long-term sustainability of the economic uses and ecological integrity of the Upper Mississippi River System"
US Army Corps of Engineers

US Army Corps of Engineers®

Navigation & Ecosystem Sustainability Program (NESP)

NAVIGATION COMPONENT:

Initiate Construction of Mooring Cells (14, 24 & La Grange)
Initiate Implementation of Switchboats (any of Locks 20 - 25)
Lock 22 Upstream Channel work

ECOSYSTEM RESTORATION COMPONENT:

Systemic Cultural Stewardship (2 sites)
Forestry Management (Reno Bottoms)
Fish Passage @ L&D 22
Pool Water Level Management – Pool 5
Pool Water Level Management – Pool 18
Island Shoreline Protection (2 sites)
Side Channel Restoration (2 sites
Wing Dam/Dike Alteration – Herculaneum
Wing Dam/Dike Alteration – Pool 2

Illinois River Basin Restoration

US Army Corps of Engineers®

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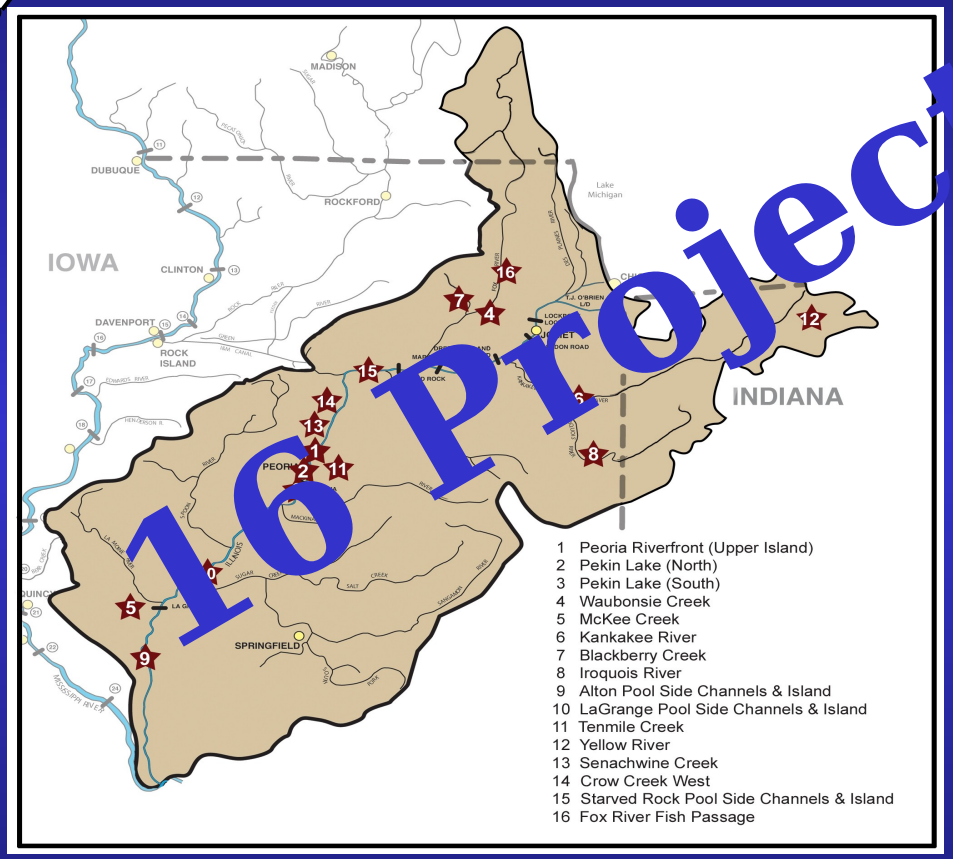
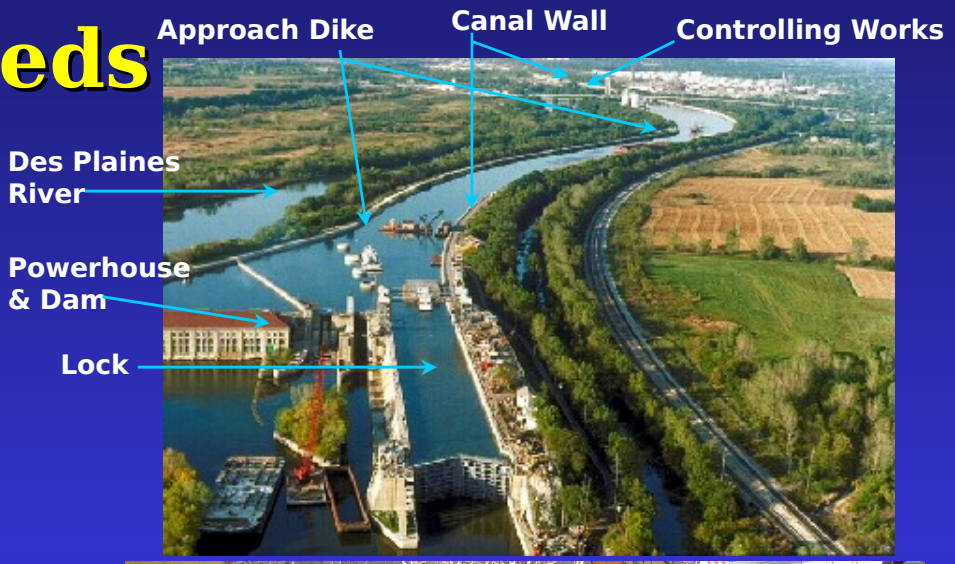


>$130 million progr

($85 million Feder

Lockport Pool Rehabilitation $ Needs

- Design was started with dam safety funds in FY06 and FY07.
- Completing a 300-foot cut-off wall test section on the right descending bank approach dike.
- Total Lockport project $132M



Sinkhole on the crown of the approach dike, measuring 6 feet x 8 feet x 5 feet deep.

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Continuing Authorities Program Potential Projects (x$000)

Emergency Streambank (14)

- IA River, IA City, Johnson Co., IA
- Lake McBride, Johnson Co., IA
- North Skunk River, Poweshiek Co., IA
- North Raccoon River, Perry, IA
- Des Moines Rvr, Keosaugua, Van Burne Co.
- Bear Creek, Roland, Story Co., IA
- Springdale Creek, Springdale Cemetery, Pe

Beneficial Use of Dredged Material (204)

- Blackhawk Bottoms, Des Moines Co.

Flood Control (205)

- Mad Creek, Muscatine IA
- Indian Creek, Cedar Rvr., Cedar Rapid
- Winnebago Rvr, Mason City, IA

Aquatic Ecosystem Restoration (206)

- Whitebreast Watershd Ecosystem Res
- Duck Creek/Fairmount Park Wetland F
- IA River/Clear Creek, Johnson Co., IA
- Clear Lake (Ventura Marsh)
- Storm Lake, IA
- Emiquon Floodplain Restoration
- Kankakee, Kankakee Co., IL

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Operations & Maintenance FY 09 Budget

(x$1,000)

	Pres. Budget	Efficient Funding
Coralville Lake	$ 2,887	<$ 5,000
Mississippi River	$ 63,207	<$ 80,000
IL Waterway	$ 36,287	<$ 50,000
Farm Creek	$ 203	<$ 500
Red Rock	$ 3,278	<$ 5,000
Saylorville Lake	$ 3,909	<$ 5,000
Inspection of Completed Works	$ 1,973	$ 1,973

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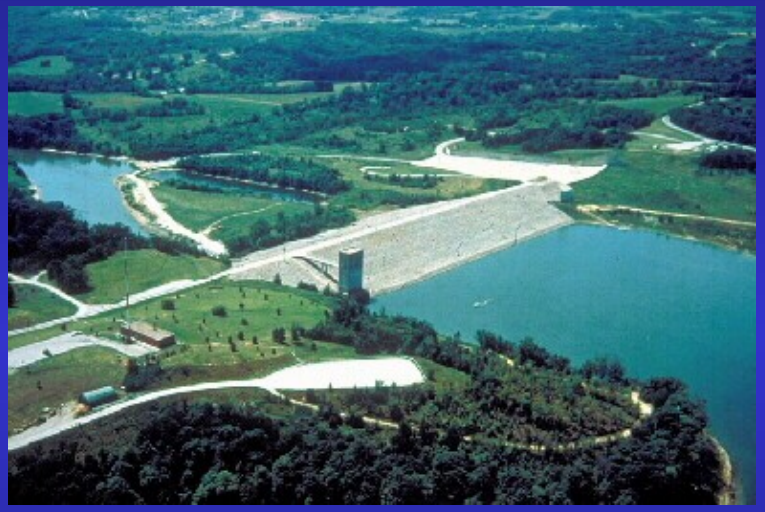
FY 09 Coralville Lake President's Budget

$2,887,000

- - $1,424,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management



- Additional needs:
  - Amana Levee Design Report
  - Erosion Repair @ Tailwater East
  - Repair Service Roads
  - Boundary Monumentation
  - Design B/H to Rehab Outlet Works

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FY 09 Mississippi River Project President's Budget
$63,207,000

- Additional needs:
  - Major maintenance Lock 11 Stage 3
  - Concrete Repairs & Monitoring Lock 18
  - Miter Gates Lock 20
  - Dredging & Dredge Site Acquisition

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FY 09 Illinois Waterway Project President's Budget $36,287,000

- Additional needs:
  - Lockport Tree Clearing
  - Lockport Powerhouse & Exciter Bay
  - Bulkheads & Pickup Beam
  - Brandon Road EAP-RER Wall Certification
  - TJ O'Brien Major Maintenance P&S
  - Dresden RER
  - Dredging & Dredge Site Acquisition

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FY 09 Lake Red Rock President's Budget

$3,278,000

- - $1,469,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Design Tainter B/H & Track System
  - Paint Machinery Deck-Control Structure
  - Repair Service Roads
  - Boundary Monumentation

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FY 09 Saylorville Lake President's Budget

$3,909,000

- - $1,279,000

- Potential reduced levels of service:
  - Recreation areas
  - Natural resource management

- Additional needs:
  - Replace Barrier Dam Pump
  - Repair Slide Gates
  - Dam Monitoring System
  - Relief Wells Efficiency Evaluation
  - Repair Service Roads
  - Boundary Monumentation

Current A/E Contracts, IDIQ

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Contractor	Disciplines	Award Date	Expiration Date
Stanley INCA Joint Venture	Civil, Structural, Architectural, Geotechnical, Mechanical, Electrical	28 Jul 2004	28 Jan 2008
Hanson Professional Services	Geotech Exploration, HTRW, Survey	31 Jul 2004	30 Jul 2007
Bergmann Hanson Joint Venture	Civil, Structural, Architectural, Geotechnical, Mechanical, Electrical	16 Jun 2005	15 Jun 2008
Terracon	Geotech Exploration, HTRW, Survey	28 Jul 2005	27 Jul 2008
Western Air Maps	Aerial Survey, Photogrammetric Mapping	14 Sep 2005	13 Sep 2010

OUT OF CAPACITY

EXPIRED

OUT OF CAPACITY

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A/E Contract Awards to Date, IDIQ

Contractor	Annual Capacity	Capacity to Date/Total Capacity	Total Awards to Date	% of Capacity to Date
Stanley INCA Joint Venture	$1 Million	$4 Million $4 Million	$ 3,718,300	93%
Hanson Professional Services	$250 k	$750 k $750 k	$ 631,200	84.2%
Bergmann Hanson Joint Venture	$1 Million	$3 Million $3 Million	$ 700,000	23%
Terracon	$250 k	$750 k $750 k	$ 378,900	51%
Western Air Maps	$1 Million	$2 Million $5 Million	$ 1,400,000	70%

Current Professional Service Contracts, IDIQ

US Army Corps of Engineers®

Contractor	Disciplines	Award Date	Expiration Date
Bear Creek Archaeology	Historic Preservation Investigations EXPIRED	14 Sep 2002	13 Sep 2007
URS	Biological Resource Investigations	12 Oct 2005	11 Oct 2010

Awards to Date

Contractor	Annual Capacity	Capacity to Date/Total Capacity	Total Awards to Date	% of Capacity to Date
Bear Creek Archaeology	$350 k	$1.75 M $1.75 M	$ 647,587	37.0%
URS	$1 M	$2 M $5 M	$ 236,000	10.6%

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Current A/E Contracts, FFP

VOA Associates

Greenbelt: Cordova Center

Planning, Design & Construction Mgmt

Base Bid:	**$293,242.46**	**Awarded 31 Aug 2005**
Option 1:	**$484,797.08**	**Awarded 19 Dec 2005**
Option 2:	**$1,428,784.00**	**Awarded 20 Jan 2006**
Option 3:	**$1,602,705.57**	**Pending Funds**
Option 4:	**$1,424,096.36**	**Pending Funds**

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Regional A/E Contracts, IDIQ

District	Contractor	Disciplines	Expiration
MVP	Bergmann Hanson JV	Multi-Discipline Design, NESP	Jan 2010
MVP	Parsons	Multi-Disc Ecosystem Restoration	Jan 2009
MVP	SEH/INCA JV	Multi-Discipline Design, NESP	Jan 2010
MVP	Black & Veatch	Multi-Discipline Design	Mar 2010
MVP	HDR Engineering	Multi-Discipline Design	Apr 2010
MVS	ARDL	Environmental Lab Testing	Aug 2009
MVS	Brotcke Well & Pump	Drilling and Testing	July 2011
MVS	Jacobs Civil	A/E Design	Apr 2008

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Other Information

Upcoming IDIQ Contracts

- Bear Creek replacement under evaluation.
- New Geotech/HTRW testing contract to be advertised 1Q08: $2.5M/5yr
- Multi-discipline contract delayed until 2Q or 3Q FY08.

Current MVD Policy regarding New Orleans work:

- Outsourced work must be procured under New Orleans District contracts if capability and capacity exist.
- Certain follow-on contracts may be exempt

US Army Corps of Engineers®

Points of Contact

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Rock Island District Website: www.mvr.usace.army.mil

One Corps Serving the Armed Forces and the Nation

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www.blaserstudio.com **www.steamboatmikey.com**

expires July 2010